



*Cope*  
PATENT

Attorney Docket No.: COOL-01301

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Thomas W. Kenny et al.

Patent No.: 7,000,684 B2

Serial No.: 10/680,584

Issue Date.: February 21, 2006

Filed: October 6, 2003

For: **METHOD AND APPARATUS FOR  
EFFICIENT VERTICAL FLUID  
DELIVERY FOR COOLING A  
HEAT PRODUCING DEVICE**

) Group Art Unit: 3743

) Examiner: Terrell L. McKinnon

) **TRANSMITTAL LETTER**

) 162 North Wolfe Road  
) Sunnyvale, California 94086  
) (408) 530-9700

) Customer Number 28960

**Certificate**

**MAY 17 2006**

**of Correction**

Attn: **Decision and Certificate of Correction  
Branch of the Patent Issue Division**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Attached is a request for Certificate of Correction of Patent, a check for \$100.00 as required under 37 C.F.R. 1.323 and 1.20 (a) and two copies of form PTO 1050 for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,

HAVERSTOCK & OWENS LLP

Dated: 5-12-06

By: *Thomas B. Haverstock*

Thomas B. Haverstock

Reg. No.: 32,571

Attorneys for Applicants

**CERTIFICATE OF MAILING (37 CFR § 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

**HAVERSTOCK & OWENS LLP**

Date: 5-12-06

*[Signature]*

**MAY 17 2006**



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Attorney Docket No.: COOL-01301

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For: **METHOD AND APPARATUS FOR  
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HEAT PRODUCING DEVICE**

) Group Art Unit: 3753

) Examiner: Terrell L. McKinnon

) **REQUEST FOR CERTIFICATE OF  
CORRECTION FOR APPLICANT'S  
MISTAKE UNDER 37 C.F.R. § 1.323 AND  
FOR PATENT OFFICE'S MISTAKE  
UNDER 37 C.F.R. § 1.322.**

) 162 North Wolfe Road  
) Sunnyvale, CA 94086  
) (408) 530-9700

) Customer Number 28960

**Attn: Decisions and Certificate of Correction Branch**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached in duplicate is Form PTO-1050, with at least one copy being suitable for printing. The corrections stated in the attached Form PTO-1050 recite the corrections stated below.

Below, column and line numbers refer to U.S. Patent Number 7,000,684, titled "METHOD AND APPARATUS FOR EFFICIENT VERTICAL FLUID DELIVERY FOR COOLING A HEAT PRODUCING DEVICE," and issued February 21, 2006.

05/16/2006 JBALINAH 00000007 7000684

01 FC:1811

100.00 OP

MAY 17 2006

**CORRECTION OF APPLICANT'S  
MISTAKES UNDER 37 C.F.R. § 1.323**

The following are mistakes made by the Applicant. The exact page and line numbers where the errors are shown correctly in the application file are given below.

In the Specification

In Col. 5, Line 44, please replace "thee" with "the". The mistake was a typographical error in the original application filed on October 6, 2003. No new matter is added by this correction.

In Col. 23, Line 15, please replace "any other other shape" with "any other shape". The mistake was a typographical error in the original application filed on October 6, 2003. No new matter is added by this correction.

In Col. 26, Line 30, please replace "the and apertures" with "the apertures". The mistake was a typographical error in the original application filed on October 6, 2003. No new matter is added by this correction.

In Col. 26, Line 30, please replace "minimize" with "minimized". The mistake was a typographical error in the original application filed on October 6, 2003. No new matter is added by this correction.

In Col. 27, Line 53, please replace "It is should be" with "It should be". The mistake was a typographical error in the original application filed on October 6, 2003. No new matter is added by this correction.

In the Claims

In Col. 37, Line 15, in Claim 65, please replace "dimension than" with "dimension different than". The mistake was a typographical error in the original application filed on October 6, 2003. No new matter is added by this correction.

MAY 17 2006

**CORRECTION OF PATENT OFFICE'S  
MISTAKES UNDER 37 C.F.R. § 1.322**

The following are mistakes made by the U.S. Patent Office. The exact page and line numbers where the errors are shown correctly in the application file are given below.

In the Specification

In Col. 25, Line 22, please replace "As shown in Fig. 121" with "As shown in Fig. 12I". The phrase was stated correctly in the original application filed on October 6, 2003.

In the References Cited

On page 1, under U.S. PATENT DOCUMENTS, please change **-6,588,498 B1 7/2003 Bhatti et al. - to - 6,588,498 B1 7/2003 Reysin et al.-** The reference is cited correctly by the applicant in an Information Disclosure Statement sent electronically and acknowledged by the United States Patent and Trademark Office on April 28, 2004 and should have been considered by the examiner.

On page 1, under U.S. PATENT DOCUMENTS, please add **- 6,632,655 B1 10/2003; Mehta et al. -** The reference is cited correctly by the applicant in an Information Disclosure Statement sent electronically and acknowledged by the United States Patent and Trademark Office on April 28, 2004 and should have been considered by the examiner.

On page 1, under FOREIGN PATENT DOCUMENTS, please change **- CN 97212126 3/1997- to -CN 97212126.9 3/1997-** The reference is cited correctly by the applicant in an Information Disclosure Statement mailed by the applicant on April 29, 2004.


On page 1, under FOREIGN PATENT DOCUMENTS, please add **- JP 10-99592 4/1998-** The reference is cited correctly by the applicant in a Supplemental Information Disclosure Statement mailed by the applicant on August 9, 2005.

MAY 17 2006

On page 1, under FOREIGN PATENT DOCUMENTS, please add - **JP 2001-326311**  
**11/2001**- The reference is cited correctly by the applicant in a Supplemental Information  
Disclosure Statement mailed by the applicant on August 9, 2005.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

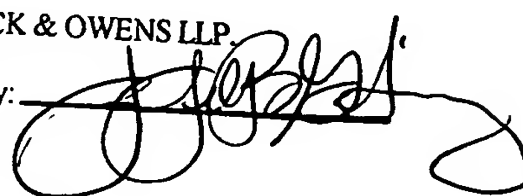
Dated: 5-12-06

By:   
Thomas B. Haverstock  
Reg. No.: 32,571  
Attorneys for Applicant(s)

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HAVERSTOCK & OWENS LLP

Date: 5-12-06 By: 

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,000,684

DATED : February 21, 2006

INVENTOR(S) : Thomas W. Kenny, Mark Munch, Peng Zhou, James Gill Shook, Girish Upadhy, Kenneth Goodson, Dave Corbin, Mark McMaster, James Lovette

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby correct as shown below:

IN THE REFERENCES CITED - U.S. PATENT DOCUMENTS -p. 1

REPLACE	-6,588,498 B1	7/2003	Bhatti et al.
WITH	- 6,588,498 B1	7/2003	Reysin et al. -
Add	- 6,632,655 B1	10/2003	Mehta et al. -

IN THE REFERENCES CITED -FOREIGN PATENT DOCUMENTS -p. 1

REPLACE	- CN	97212126	3/1997 -
WITH	- CN	97212126.9	3/1997 -
Add	- JP	10-99592	4/1998 -
Add	- JP	2001-326311	11/2001 -

IN THE SPECIFICATION

In Col. 5, Line 44, replace "thee" with "the".

In Col. 25, Line 22, replace "As shown in Fig. 121" with "As shown in Fig. 12I".

In Col. 23, Line 15, replace "any other other shape" with "any other shape".

In Col. 26, Line 30, replace "the and apertures" with "the apertures".

In Col. 26, Line 30, replace "minimize" with "minimized".

In Col. 27, Line 53, please replace "It is should be" with "It should be".

IN THE CLAIMS - Column 37, Line 15

In Claim 65, replace "dimension than" with "dimension different than".

MAILING ADDRESS OF SENDER:  
HAVERSTOCK & OWENS LLP  
162 North Wolfe Road  
Sunnyvale, CA 94086

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